

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 6636

First Inventor Larsen, Michael T.

Title GAS/LIQUID SEPARATOR INCLUDING A LIQUID TRAP FILTER

Express Mail Label No. EL835269055US

10/19/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 22]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed Sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 10]

5. Oath or Declaration/Power of Attorney [Total Pages]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS
TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 C.F.R. §3.73(b) Statement Power of Attorney (when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ /

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor Correspondence address below

22922

PATENT TRADEMARK OFFICE

Name					
Address					
City	State		Zip Code		
Country	Telephone		Fax		

Name (Print/Type)	Leonard J. Kalinowski	Registration No. (Attorney/Agent)	24,207
Signature			Date
			October 19, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231. MW788038

Under the Paperwork Reduction Act, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

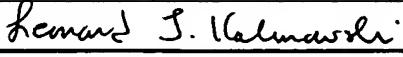
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 454)

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Michael T. Larsen
Examiner Name	
Group / Art Unit	
Attorney Docket No.	6636

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																														
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <input type="text"/> Deposit Account Name <input type="text"/> <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th colspan="2">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td colspan="2">Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127</td><td>50</td><td>227</td><td colspan="2">Surcharge - late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>139</td><td>130</td><td>139</td><td colspan="2">Non-English specification</td><td><input type="text"/></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td colspan="2">For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td colspan="2">Requesting publication of SIR prior to Examiner action</td><td><input type="text"/></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td colspan="2">Requesting publication of SIR after Examiner action</td><td><input type="text"/></td></tr> <tr><td>115</td><td>110</td><td>215</td><td colspan="2">Extension for reply within first month</td><td><input type="text"/></td></tr> <tr><td>116</td><td>400</td><td>216</td><td colspan="2">Extension for reply within second month</td><td><input type="text"/></td></tr> <tr><td>117</td><td>920</td><td>217</td><td colspan="2">Extension for reply within third month</td><td><input type="text"/></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td colspan="2">Extension for reply within fourth month</td><td><input type="text"/></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td colspan="2">Extension for reply within fifth month</td><td><input type="text"/></td></tr> <tr><td>119</td><td>320</td><td>219</td><td colspan="2">Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>120</td><td>320</td><td>220</td><td colspan="2">Filing a brief in support of an appeal</td><td><input type="text"/></td></tr> <tr><td>121</td><td>280</td><td>221</td><td colspan="2">Request for oral hearing</td><td><input type="text"/></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td colspan="2">Petition to institute a public use proceeding</td><td><input type="text"/></td></tr> <tr><td>140</td><td>110</td><td>240</td><td colspan="2">Petition to revive – unavoidable</td><td><input type="text"/></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td colspan="2">Petition to revive – unintentional</td><td><input type="text"/></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td colspan="2">Utility issue fee (or reissue)</td><td><input type="text"/></td></tr> <tr><td>143</td><td>460</td><td>243</td><td colspan="2">Design issue fee</td><td><input type="text"/></td></tr> <tr><td>144</td><td>620</td><td>244</td><td colspan="2">Plant issue fee</td><td><input type="text"/></td></tr> <tr><td>122</td><td>130</td><td>122</td><td colspan="2">Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123</td><td>130</td><td>123</td><td colspan="2">Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126</td><td>180</td><td>126</td><td colspan="2">Submission of Information Disclosure Stmt</td><td><input type="text"/></td></tr> <tr><td>581</td><td>40</td><td>581</td><td colspan="2">Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146</td><td>740</td><td>246</td><td colspan="2">Filing a submission after final rejection (37 CFR § 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149</td><td>740</td><td>249</td><td colspan="2">For each additional invention to be examined (37 CFR § 1.129(b))</td><td><input type="text"/></td></tr> <tr><td>179</td><td>740</td><td>279</td><td colspan="2">Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>169</td><td>900</td><td>169</td><td colspan="2">Request for expedited examination of a design application</td><td><input type="text"/></td></tr> <tr> <td colspan="5">Other fee (specify)</td> <td><input type="text"/></td> </tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) <input type="text"/> (\$)</td> </tr> </tbody> </table>					Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description		Fee Paid	105	130	205	Surcharge - late filing fee or oath		<input type="text"/>	127	50	227	Surcharge - late provisional filing fee or cover sheet		<input type="text"/>	139	130	139	Non-English specification		<input type="text"/>	147	2,520	147	For filing a request for reexamination		<input type="text"/>	112	920*	112	Requesting publication of SIR prior to Examiner action		<input type="text"/>	113	1,840*	113	Requesting publication of SIR after Examiner action		<input type="text"/>	115	110	215	Extension for reply within first month		<input type="text"/>	116	400	216	Extension for reply within second month		<input type="text"/>	117	920	217	Extension for reply within third month		<input type="text"/>	118	1,440	218	Extension for reply within fourth month		<input type="text"/>	128	1,960	228	Extension for reply within fifth month		<input type="text"/>	119	320	219	Notice of Appeal		<input type="text"/>	120	320	220	Filing a brief in support of an appeal		<input type="text"/>	121	280	221	Request for oral hearing		<input type="text"/>	138	1,510	138	Petition to institute a public use proceeding		<input type="text"/>	140	110	240	Petition to revive – unavoidable		<input type="text"/>	141	1,280	241	Petition to revive – unintentional		<input type="text"/>	142	1,280	242	Utility issue fee (or reissue)		<input type="text"/>	143	460	243	Design issue fee		<input type="text"/>	144	620	244	Plant issue fee		<input type="text"/>	122	130	122	Petitions to the Commissioner		<input type="text"/>	123	130	123	Petitions related to provisional applications		<input type="text"/>	126	180	126	Submission of Information Disclosure Stmt		<input type="text"/>	581	40	581	Recording each patent assignment per property (times number of properties)		<input type="text"/>	146	740	246	Filing a submission after final rejection (37 CFR § 1.129(a))		<input type="text"/>	149	740	249	For each additional invention to be examined (37 CFR § 1.129(b))		<input type="text"/>	179	740	279	Request for Continued Examination (RCE)		<input type="text"/>	169	900	169	Request for expedited examination of a design application		<input type="text"/>	Other fee (specify)					<input type="text"/>	*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) <input type="text"/> (\$)
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description		Fee Paid																																																																																																																																																																																													
105	130	205	Surcharge - late filing fee or oath		<input type="text"/>																																																																																																																																																																																													
127	50	227	Surcharge - late provisional filing fee or cover sheet		<input type="text"/>																																																																																																																																																																																													
139	130	139	Non-English specification		<input type="text"/>																																																																																																																																																																																													
147	2,520	147	For filing a request for reexamination		<input type="text"/>																																																																																																																																																																																													
112	920*	112	Requesting publication of SIR prior to Examiner action		<input type="text"/>																																																																																																																																																																																													
113	1,840*	113	Requesting publication of SIR after Examiner action		<input type="text"/>																																																																																																																																																																																													
115	110	215	Extension for reply within first month		<input type="text"/>																																																																																																																																																																																													
116	400	216	Extension for reply within second month		<input type="text"/>																																																																																																																																																																																													
117	920	217	Extension for reply within third month		<input type="text"/>																																																																																																																																																																																													
118	1,440	218	Extension for reply within fourth month		<input type="text"/>																																																																																																																																																																																													
128	1,960	228	Extension for reply within fifth month		<input type="text"/>																																																																																																																																																																																													
119	320	219	Notice of Appeal		<input type="text"/>																																																																																																																																																																																													
120	320	220	Filing a brief in support of an appeal		<input type="text"/>																																																																																																																																																																																													
121	280	221	Request for oral hearing		<input type="text"/>																																																																																																																																																																																													
138	1,510	138	Petition to institute a public use proceeding		<input type="text"/>																																																																																																																																																																																													
140	110	240	Petition to revive – unavoidable		<input type="text"/>																																																																																																																																																																																													
141	1,280	241	Petition to revive – unintentional		<input type="text"/>																																																																																																																																																																																													
142	1,280	242	Utility issue fee (or reissue)		<input type="text"/>																																																																																																																																																																																													
143	460	243	Design issue fee		<input type="text"/>																																																																																																																																																																																													
144	620	244	Plant issue fee		<input type="text"/>																																																																																																																																																																																													
122	130	122	Petitions to the Commissioner		<input type="text"/>																																																																																																																																																																																													
123	130	123	Petitions related to provisional applications		<input type="text"/>																																																																																																																																																																																													
126	180	126	Submission of Information Disclosure Stmt		<input type="text"/>																																																																																																																																																																																													
581	40	581	Recording each patent assignment per property (times number of properties)		<input type="text"/>																																																																																																																																																																																													
146	740	246	Filing a submission after final rejection (37 CFR § 1.129(a))		<input type="text"/>																																																																																																																																																																																													
149	740	249	For each additional invention to be examined (37 CFR § 1.129(b))		<input type="text"/>																																																																																																																																																																																													
179	740	279	Request for Continued Examination (RCE)		<input type="text"/>																																																																																																																																																																																													
169	900	169	Request for expedited examination of a design application		<input type="text"/>																																																																																																																																																																																													
Other fee (specify)					<input type="text"/>																																																																																																																																																																																													
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) <input type="text"/> (\$)																																																																																																																																																																																													
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Total Claims</th> <th>20</th> <th>-20</th> <th>= 0</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td>5</td> <td>-3</td> <td>= 2</td> <td>X 42</td> <td>= 84</td> <td><input type="text"/></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td>X <input type="text"/></td> <td>= 0</td> <td><input type="text"/></td> </tr> </tbody> </table> Large Entity Fee (\$) <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9 Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42 Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140 Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42 ** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9 ** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> SUBTOTAL (2) <input type="text"/> (\$ 84)				Total Claims	20	-20	= 0	Extra Claims	Fee from below	Fee Paid	Independent Claims	5	-3	= 2	X 42	= 84	<input type="text"/>	Multiple Dependent				X <input type="text"/>	= 0	<input type="text"/>	Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	103	18	203	9 Claims in excess of 20	102	84	202	42 Independent claims in excess of 3	104	280	204	140 Multiple dependent claim, if not paid	109	84	209	42 ** Reissue independent claims over original patent	110	18	210	9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																		
Total Claims	20	-20	= 0	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																												
Independent Claims	5	-3	= 2	X 42	= 84	<input type="text"/>																																																																																																																																																																																												
Multiple Dependent				X <input type="text"/>	= 0	<input type="text"/>																																																																																																																																																																																												
Fee Code	Entity Fee (\$)	Small Entity Fee (\$)	Fee Description																																																																																																																																																																																															
103	18	203	9 Claims in excess of 20																																																																																																																																																																																															
102	84	202	42 Independent claims in excess of 3																																																																																																																																																																																															
104	280	204	140 Multiple dependent claim, if not paid																																																																																																																																																																																															
109	84	209	42 ** Reissue independent claims over original patent																																																																																																																																																																																															
110	18	210	9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																															

** or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	Leonard J. Kalinowski	Registration No. Attorney/Agent)	24,207	Telephone	414-298-8321		
Signature					Date	October 19, 2001	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. MV788024

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(B)(2)(b)(I)**

First Named Inventor	Michael T. Larsen
Title	Gas/Liquid Separator Including A Liquid Trap Filter
Atty Docket Number	6636

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

October 19, 2001

Date

Leonard J. Kalinowski

Signature

Leonard J. Kalinowski

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated.

to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.